20070731.ba v04_n074.bam.20070731

>From ???@??? Tue Jul 31 15:36:13 2007 -0500
Date: Tue, 31 Jul 2007 20:35:11 GMT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4074
Message-Id: <20070731203516.9168B47011E@srvr1.theporch.com>

BOATANCHORS Digest 4074

Topics covered in this issue include:


  1) Re: Question: B & K 707 Tube Tester
     by Scott Robinson <spr@earthlink.net>
  2) Re: More Russki Radio...
     by "David Stinson" <arc5@ix.netcom.com>
  3) RE: Question: B & K 707 Tube Tester
     by brianclarke01@optusnet.com.au
  4) Re: More Russki Radio...
     by stuck in 50s <polepeeg@aa4rm.ba-watch.org>
  5) Re: More Russki Radio...
     by stuck in 50s <polepeeg@aa4rm.ba-watch.org>
  6) Heath SB 313
     by wb3fau@att.net
  7) Re: More Russki Radio...
     by wb3fau@att.net
  8) cheap AN connectors for BA needed
     by "Nick England" <nick@3rdtech.com>
  9) Re: cheap AN connectors for BA needed
     by Dan Arney <hankarn@pacbell.net>
 10) RE: Question: B & K 707 Tube Tester
     by Roy Morgan <roy.morgan@nist.gov>
 11) RE: Question: B & K 707 Tube Tester
     by Richard Post <postr@ohiou.edu>
 12) Cases for Hickok Tube Testers..?
     by John Poulton <jp@cs.unc.edu>
 13) PM-2 Transformers & Chokes are sold.
     by W6cds@aol.com
 14) Swan Twins
     by "Bob Kemp" <bkemp@bobkemp.com>
 15) Help identify Collins "A-line" speaker
     by Richard Post <postr@ohiou.edu>
 16) GP-7 blower removal ?
     by John J Mccarty <jmccarty@alcatel-lucent.com>
 17) Re: [ARC5] GP-7 blower removal ?
     by W7QHO@aol.com
 18) AN/UPM-6B Radar Test Set

    by KA6UUP <ka6uup@pacbell.net>
 19) TBS Radio Crystals
    by Jerry Proc <jerry7proc@yahoo.com>
 20) Re: AN/UPM-6B Radar Test Set
    by Jerry Proc <jerry7proc@yahoo.com>
 21) Re: BOATANCHORS digest 4073
    by Roy Morgan <roy.morgan@nist.gov>
 22) 4,5,6,7,8,9,11 Pin Sockets & Plugs
    by W6cds@aol.com

------------------------------------------------------------------------
Mime-Version: 1.0
Message-Id: <p06240807c2cdacecd4d1@[192.168.1.2]>
Date: Wed, 25 Jul 2007 18:44:19 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Re: Question: B & K 707 Tube Tester
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hi Mike,

Yes, it is possible to build a non-linear wire-wound pot. I have seen
100 W example of same, about 6 inches across.

Unfortunatelyl it will be *very* difficlut to find a replacement for
said pot. I have never seen one in a catalog...

Good luck!

/scott

>It looks like the sensitivity control in this tester has been
>replaced by a previous owner.  The pot is described as "1K Ohm 5
>Watt W.W. Pot (Spec. Taper)".  I'm assuming "Spec. Taper" means
>special taper, anyone know what the taper is?  Is it possible to
>have a wire wound pot that is not a linear taper?
>
>Mike VE7MMH

------------------------------
Message-ID: <002601c7cf2a$df7a9fc0$6401a8c0@boudreaux>
From: "David Stinson" <arc5@ix.netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: More Russki Radio...
Date: Wed, 25 Jul 2007 21:15:40 -0500
MIME-Version: 1.0
Content-Type: text/plain;
    format=flowed;

```
     charset="iso-8859-1";
     reply-type=original
Content-Transfer-Encoding: 7bit

A couple of the guys have asked:

> Just out of curiosity, what would happen if you used an automotive
> inverter
> (the little 30-50 watt kind), rectified & filtered the output, ...

I've tried this twice.  It seems that auto-to-110VAC inverters are
built in several different ways.   The two I tried were the cheapie
"WallyWorld" lighter plug type.  I first used a bridge rectifier
on the output and they did not like that a bit.  Turns out that
the output of these inverters is single-ended.  The "neutral" blade
of the output is common with the negative "ground" side of
the input connection.  This being the case, only a half-wave
rectifier worked.  I used one of these to power my Australian
AR-8 and it worked fine, but this would not be useful on any
receiver that requires a floating B-.   The outputs of the
DC/DC converters I have are isolated, so can be configured
to provide floating B-, needed for receivers like the BC-348 and
BC-474, and for many 1920s and 1930s design transmitters.
Perhaps other inverters are isolated;
I haven't tried any others so far.

73 Dave S.

------------------------------
Message-Id: <200707260235.l6Q2ZTxU003171@mail17.syd.optusnet.com.au>
Content-Type: text/plain
Content-Disposition: inline
Content-Transfer-Encoding: binary
Mime-Version: 1.0
From: brianclarke01@optusnet.com.au
To: Old Tube Radios <boatanchors@theporch.com>
Date: Thu, 26 Jul 2007 12:35:29 +1000
Subject: RE: Question: B & K 707 Tube Tester

Hi Mike,
I met a dual, non-linear Colvern variable wire-wound resistor in a commercial Wien
bridge oscillator. The pot was motor driven, I suspect for testing room
resonances, or for designing loudspeaker components. The wire was broken in one of
the banks - because it was wire-wound, it was relatively easy to repair. Those of
you who know what is required for joining nichrome wire, will understand my little
joke.
So, you could try Colvern - but this oscillator was old when I repaired it 30
years ago.
```

73 de Brian, VK2GCE

---
Date: Thu, 26 Jul 2007 07:54:35 -0400 (EDT)
From: stuck in 50s <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200707261154.l6QBsZs4023213@fracas.netboobie.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: More Russki Radio...

Arden - u wrote

}
}> .....How about corruption, incompetence, mismanagement?  .....
}
}Secrecy is the signature of corruption and incompetence.  While they blame
}each other neither wants anyone to know about what goes on.  Does that pass
}the sniff test?????
}

There's a fun movie by Monte Python bunch.  Stars Robert DiNiro.  Called
Brazil.

RD always in coveralls & was last maintenance man who knew how things worked.

Was big danger to govt. since every maintenance failure was blamed on
terrorism

---
Date: Thu, 26 Jul 2007 08:03:30 -0400 (EDT)
From: stuck in 50s <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200707261203.l6QC3UBt023350@fracas.netboobie.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: More Russki Radio...

D S wrote

} A couple of the guys have asked:
}
} > Just out of curiosity, what would happen if you used an automotive
} > inverter
} > (the little 30-50 watt kind), rectified & filtered the output, ...
}
} I've tried this twice.  It seems that auto-to-110VAC inverters are
} built in several different ways.   The two I tried were the cheapie
} "WallyWorld" lighter plug type.  I first used a bridge rectifier
} on the output and they did not like that a bit.  Turns out that
} the output of these inverters is single-ended.  The "neutral" blade
} of the output is common with the negative "ground" side of

} the input connection.  This being the case, only a half-wave
} rectifier worked....

WRONG

On tested car inverters, complete isolation between 12V input,
case, & output socket.  Hence at-home wisdom of how to treat that
polarized socket out the window.

Bridge rectifier & choke-input filter?  Bring it on.

Note to "couple of guys who asked the perfesser."  I posted on
powering BC-1000 & a RT-70 this way a week back.  Filament supply
delivered by old xfrmr-based 5V/6Vdc wall-warts

They both checked in @ Dayton on successive years.

  Marty aka aa4rm

---
From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Heath SB 313
Date: Thu, 26 Jul 2007 13:42:58 +0000
Message-Id:
<072620071342.19426.46A8A4E20004BC0C00004BE221602807489A0E00CC0D99@att.net>

I need  parts-  on the  het. osc. board is a coil  for 3.5 mc  core  is frozen
and coil  form  broken.  It  is designated  L114.  I need  this coil.  Also  will
need  crystals-
 12.395mc  and 22.895mc.  I am told that several different Heath rigs  used these
parts.
If you  have a  parts radio or  reference, please  let  me know.  Russ.

---
From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Arden Allen" <gumbear@pacbell.net>, "Old Tube Radios"
<boatanchors@theporch.com>
Subject: Re: More Russki Radio...
Date: Thu, 26 Jul 2007 13:49:21 +0000
Message-Id:
<072620071349.26016.46A8A660000DECE1000065A021602807489A0E00CC0D99@att.net>


Sounds  like  your typical  everyday government.  Supposedly, we  get  a choice.
The
mistake people  make is thinking the government  will solve  problems.  Here we

still get to choose who we think will help solve problems. Things are a real mess here, in Erie, PA.
Russ.

---
Date: Thu, 26 Jul 2007 13:12:52 -0400
From: "Nick England" <nick@3rdtech.com>
Subject: cheap AN connectors for BA needed
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <02ac01c7cfa8$33e06db0$2f0212ac@Heathkit2>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi guys - K4OZY and I are attempting to get a bunch of big Navy receivers up and running.
We need to find some cheap AN3106 type (Mil-C-5015)connectors - did I mention cheap?
These are military circular connectors like the ones here for example:
http://www.peigenesis.com/mini_images/DTL/5.jpg
I know I have walked past boxes of these at past hamfests, of course!

Dirty, used, & cutoffs are fine. I know we can get new ones from various sources, but then we'd end up paying as much for connectors as for the radios.

I have faxed/called William Perry a couple of times, but gotten no response unfortunately - any more suggestions?

Many thanks!!!
Nick KD4CPL

Here's what we need -
NOTE:
AN3102A-* are panel mount receptacles
AN3106A-* are plugs
AN3057-* are cable clamps (nice to have)
AN* numbers are equivalent to MS* and Amphenol 97-* numbers
---
plugs
10 ea. AN3106A-10SL-4S + AN3057-4
4 ea. AN3106A-14S-7P + AN3057-6
4 ea. AN3106A-14S-7S + AN3057-6
1 ea. AN3106A-14S-1P + AN3057-6
4 ea. AN3106A-16S-5P + AN3057-8
9 ea. AN3106A-16S-5S + AN3057-8
1 ea. AN3106A-20-3S + AN3057-12
---

receptacles
1 ea.  AN3102A-16S-5P
5 ea.  AN3102A-20-27S
5 ea.  AN3102A-20-27P
1 ea.  AN3102A-20-3P
1 ea.  AN3102A-16S-1S
1 ea.  AN3102A-14S-1S

---

Message-ID: <46A8F40C.60308@pacbell.net>
Date: Thu, 26 Jul 2007 14:20:44 -0500
From: Dan Arney <hankarn@pacbell.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: cheap AN connectors for BA needed
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

You will be ahead of the game to call and talk to Bill on the phone if
he has them he will tell you right then and how much and will ship them
with an invoice. He does trust HAMS so pay him promptly. Another source
is APEX Electronics Don in No. Hollywood not as cheap and money up front
but a good stock 818-767-7202 if not then 787.
Hank
KN6DI

---

Message-Id: <6.0.0.22.2.20070727094653.02f39cd8@mailserver.nist.gov>
Date: Fri, 27 Jul 2007 10:16:56 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Roy Morgan <roy.morgan@nist.gov>
Subject: RE: Question: B & K 707 Tube Tester
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:36 PM 7/25/2007, you wrote:
>Subject: Question: B & K 707 Tube Tester
...
>It looks like the sensitivity control in this tester has been replaced by
>a previous owner.  The pot is described as "1K Ohm 5 Watt W.W. Pot (Spec.
>Taper)". ...Is it possible to have a wire wound pot that is not a linear taper?

Mike and other Anchorites,

It certainly is possible.  Thanks to Brian for describing a 5 watt wire wound pot that I'd never heard of before that has different segments of wire windings.

Enter the lore of General Radio:  GR used many wire wound pots and became most expert at developing odd kinds of high precision.  Mostly they were not intended for high power dissipation (as in the 2 and 5 watt kinds we usually find) but were intended as prime measuring elements in bridge instruments.

Some of their pots were made in this way: a flat, thin, card of insulating material was wound with resistance wire, then wrapped around the phenolic body of the pot which had the wiper, shaft, mounting parts, and the electrical connection posts. To make a linear pot, the card was a rectangle of uniform width. To make, say, a logarithmic taper, the card had a non-uniform width such that length of wire in each turn varied from end to end.  Some mathematics that was routine for the folks at GR produced the needed physical shapes of the card.  No doubt some careful tooling of cams or master taper forms was involved in making the machines upon which the cards were produced.

One example is the output voltage setting pot of the fabled 1001A Standard Signal Generator.  There are two pots on one shaft that operate in unison to produce a more or less linear output voltage function, all at a constant impedance (50 ohms, I think, at the pot.)

Some times, taps were added at the right spot as the card was wound. One example is the GR 1650B RLC bridge main RLC potentiometer.  It has a tap that is connected to a capacitor to compensate for frequency effects, making the instrument more accurate at higher (audio) frequencies than the predecessor instruments.  These instruments also have a mechanical correcting mechanism that advances or retards the wiper position from the shaft position by a small, adjustable, amount.  Part of the alignment procedure is to set the adjustments at 6 or 8 spots in the pot's travel to bring the dial calibration within specifications.

Back to "tube testers":

I have a Weston "Vacuum Tube Analyzer" that is fairly ancient (late 1930's I think).  It's about the least convenient thing to use for testing tubes that I've seen, since you have to make all connections to the tube under test with plug-in banana ended jumpers, and set every element voltage manually.  The thing has about the biggest wire-wound pots I've seen.  Two of them are about 4 inches in diameter.  I have not yet gotten it restored and running, but I am hoping that none of the pots are of "Spec Taper" sort.  There is a moderate amount of corrosion on the pots and I may well find one or more of them open since these are fairly high resistance units.

Sooo many projects, sooo little time!

Roy

- Roy Morgan, K1LKY since 1959 - Keep 'em Glowing
13033 Downey Mill Road, Lovettsville, VA 20180
Phone 540-822-5911  Cell 301-928-7794
Work: Voice: 301-975-3254,  Fax: 301-975-6097
roy.morgan@nist.gov --

---

Mime-Version: 1.0
Message-Id: <p05210601c2cfd29dc589@[192.168.2.2]>
Date: Fri, 27 Jul 2007 12:59:43 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <postr@ohiou.edu>
Subject: RE: Question: B & K 707 Tube Tester
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

The control marked "L" in my military I-177-B tube tester had the same issue.  Luckily the break was near one end and I was able to repair it.  None of the spares in my junk box were anywhere near the resistance curve of that control.  Is wound on a rounded section of "V" shape phenolic.

Possibly similar function as that in your B&K?

Rich KB8TAD

Boatanchor pix

<http://tinyurl.com/hexco>

>At 07:36 PM 7/25/2007, you wrote:
>>Subject: Question: B & K 707 Tube Tester
>....
>>previous owner.  The pot is described as "1K Ohm 5 Watt W.W. Pot
>>(Spec. Taper)". ...Is it possible to have a wire wound pot that is
>>not a linear taper?
>
>
>Mike and other Anchorites,
>

>It certainly is possible.  Thanks to Brian for describing a 5 watt
>wire wound pot that I'd never heard of before that has different
>segments of wire windings.
>

------------------------------
Date: Fri, 27 Jul 2007 13:17:17 -0400 (EDT)
From: John Poulton <jp@cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Cases for Hickok Tube Testers..?
Message-ID: <Pine.LNX.4.64.0707271313091.18849@quartet.cs.unc.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII; format=flowed

I'm in need of replacement cases for a couple of otherwise-nice Hickok
tube testers.  These things are made of thin wood, covered in a
textured vinyl material, hinged lid, carry handle--sort of like a very
cheap suitcase.

A fellow ham gave me a pointer to a source for the cases, but I've
misplaced it.  Can anyone suggest how to find the source for these
things?

Thanks, and 73, John K4OZY
--

------------------------------
From: W6cds@aol.com
Message-ID: <bf1.188d5107.33db9928@aol.com>
Date: Fri, 27 Jul 2007 14:53:28 EDT
Subject: PM-2 Transformers & Chokes are sold.
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="------------------------------1185562408"


--------------------------------1185562408
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

PM-2 Transformers & chokes have been sold.  For the record they  sold for $75
per set plus shipping.
Thanks guys for all the other offers.  Charles   w6cds



********** Get a sneak peek of the all-new AOL at

http://discover.aol.com/memed/aolcom30tour

------------------------------1185562408
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---              *
*     This post contains a forbidden message format         *
*  (such as an attached file, a v-card, HTML formatting)    *
*    Mail Lists at theporch.com only accept PLAIN TEXT      *
* If your postings display this message your mail program   *
* is not set to send PLAIN TEXT ONLY and needs adjusting    *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

------------------------------1185562408--

------------------------------
Message-ID: <000701c7d1d9$00aa07c0$6701a8c0@radio>
From: "Bob Kemp" <bkemp@bobkemp.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Swan Twins
Date: Sun, 29 Jul 2007 07:07:13 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Would anyone have a set of twins they'd
like to sell? (radios not animals or
humans).
Bob
wa0vrc

================================
Bob Kemp
Phone: 651-345-5345
FAX: 651-345-2707
mailto: bkemp@bobkemp.com
website: http://www.bobkemp.com
================================

------------------------------
Mime-Version: 1.0
Message-Id: <p05210601c2d30856faa3@[192.168.2.2]>
Date: Mon, 30 Jul 2007 00:14:15 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <postr@ohiou.edu>

Subject: Help identify Collins "A-line" speaker
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hi folks,

Bought a speaker because I thought it matched an RME radio.  Wrong.
Matches Collins A-line.  Didn't see any flocking or logo so was not
expecting a Collins match.  (Didn't recognize it because I am not
that familiar with Collin$. Can't afford the stuff, or Catalin$)

Nick England's website gave me the first clue.

http://www.virhistory.com/ham/speakers.htm

I assume this is a 270Gx Collins speaker but don't know whether is is
the 2 or 3 or something else.

The back and the speaker inside look exactly like the G3 from Nick's
website.  The dimensions match. No sound absorbing material inside.
Black bars.  No logo.  No markings.  However, no flocking on grill
and no evidence there ever was any.

Instead, the front grill looks like that of the G1. Little tiny
holes, grill color matches the speaker.

http://www.virhistory.com/ham/spkrs/col-270g1.jpg


The  color of the speaker closely matches the pic of the back of the
G3. Bars the same color as the main paint. No evidence of any
repaint. Is that charcoal color what is known as St. James Gray?
Could the uniform black color indicate a military version?

I may now have to break down and get a Collins just to match this
speaker. (But which Collins?)

73 es tnx de Rich KB8TAD

http://tinyurl.com/hexco

---
Message-ID: <46AE0833.1060702@lucent.com>
Date: Mon, 30 Jul 2007 10:48:03 -0500
From: John J Mccarty <jmccarty@alcatel-lucent.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: GP-7 blower removal ?
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Has anyone ever removed the 8ooHz blower from a GP-7 transmitter? It looks to me like the only way to get it out is to cut the wires to it, which seems extreme for a unit that is supposed to get periodic maintenance.

tnx + 73

John n9hrt

---

From: W7QHO@aol.com
Message-ID: <d3f.f76eed3.33df97aa@aol.com>
Date: Mon, 30 Jul 2007 15:36:10 EDT
Subject: Re: [ARC5] GP-7 blower removal ?
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_d3f.f76eed3.33df97aa_boundary"

--part1_d3f.f76eed3.33df97aa_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/30/07 8:48:33 AM, jmccarty@alcatel-lucent.com writes:

> Has anyone ever removed the 8ooHz blower from a GP-7 transmitter? It looks
> to me
> like the only way to get it out is to cut the wires to it, which seems
> extreme
> for a unit that is supposed to get periodic maintenance.
>
>
John,

Removed and serviced the blower in my GP-7 a few years ago. Don't remember any particular problem in doing so, but that was a while ago and haven's been back inside since. Provides some air circulation inside the TU enclosures. The set is still quite drifty though. A large external fan blowing into the back of the cabinet didn't provide much improvement either.

Dennis D. W7QHO

Glendale, CA

**********
 Get a sneak peek of the all-new AOL at
http://discover.aol.com/memed/aolcom30tour

--part1_d3f.f76eed3.33df97aa_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---            *
*     This post contains a forbidden message format       *
*  (such as an attached file, a v-card, HTML formatting)  *
*    Mail Lists at theporch.com only accept PLAIN TEXT    *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting  *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

--part1_d3f.f76eed3.33df97aa_boundary--

---
Message-ID: <46AE99AD.4050804@pacbell.net>
Date: Mon, 30 Jul 2007 19:08:45 -0700
From: KA6UUP <ka6uup@pacbell.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: AN/UPM-6B Radar Test Set
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Someone is trying to sell the above.
It is clean and unmolested. Operating condx is unknown.
This is out of my areas of interest.
Can anyone tell me what is a fair price for this or is there any
interest in it?
Tnx,
Chuck

---
Date: Mon, 30 Jul 2007 23:34:56 -0400 (EDT)
From: Jerry Proc <jerry7proc@yahoo.com>
Subject: TBS Radio Crystals
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit
Message-ID: <822019.44769.qm@web90605.mail.mud.yahoo.com>

Hello Everyone,

Today I had the good fortune to receive a donation of some WWII era TBS radio crystals from John Forster of this list.

It's quite the novelty to look and study these artifacts since I have never seen anything like it.

There is an anti-tampering system in the form of a locking wire and seal. In the very center of the crystal is a putty-like sealant with the letter V in it.

What is the purpose of this sealant? Could it be possibly be hiding an adjustment of some sort to fine tune the crystal?

http://www.jproc.ca/rrp/tbs_crystals.html

--
Regards,
Jerry Proc
E-mail: jerry7proc@yahoo.com

Be smarter than spam. See how smart SpamGuard is at giving junk email the boot with the All-new Yahoo! Mail at http://mrd.mail.yahoo.com/try_beta?.intl=ca

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Date: Mon, 30 Jul 2007 23:59:29 -0400 (EDT)
From: Jerry Proc <jerry7proc@yahoo.com>
Subject: Re: AN/UPM-6B Radar Test Set
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Message-ID: <69842.20643.qm@web90603.mail.mud.yahoo.com>

Hi Chuck,

I have one of these aboard HMCS HAIDA National Historic Site. It was not part of the ship's electronics manifest but someone brought one in

decades ago and now it sits on a shelf in the IFF/EMR
compartmant helping to fill out empty cabinet space.

If my memory serves me correctly, I was not able
figure what other purpose this set could be used for
other than its indended purpose of testing radar/IFF
systems. As such, I rather doubt whether the UPM-6B
can fetch very much since its such a specialized
instrument and a real boatanchor in other respects.

The proper thing to do here is to try and find out if
any USN museum ship might have a need for such an
instrument.

For those not familiar with this unit, I have a photo
of it at: http://jproc.ca/rrp/emr_radtst_l.jpg

**********

--- KA6UUP <ka6uup@pacbell.net> wrote:

> Someone is trying to sell the above.
> It is clean and unmolested. Operating condx is
> unknown.
> This is out of my areas of interest.
> Can anyone tell me what is a fair price for this or
> is there any
> interest in it?
> Tnx,
> Chuck
>
>

--
Regards,
Jerry Proc
E-mail: jerry7proc@yahoo.com

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Mail: http://mrd.mail.yahoo.com/try_beta?.intl=ca

---
Message-Id: <6.0.0.22.2.20070731083622.01d2d588@mailserver.nist.gov>
Date: Tue, 31 Jul 2007 08:42:22 -0400
To: Old Tube Radios <boatanchors@theporch.com>

From: Roy Morgan <roy.morgan@nist.gov>
Subject: Re: BOATANCHORS digest 4073
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:36 PM 7/25/2007, you wrote:
>>Tom wrote:
>>I looked into the piezo effects of ceramic caps
>
>The effect I'm talking about is due to the voltage coefficient of
>capacitance of type X7R ceramic dielectric material. It was measured in a
>shelving equalizer,

Scott,

I recently ran into an ancient bit of Junque at my place. In the 60's I was at school near Boston, and once in a while travelled to the PolyPaks store/warehouse not too far away. I just found two packages of miscellaneous disk ceramic caps of all sorts and remember that one of the caps is marked X7 I think. I'll have to check.

Some of the caps are small value negative temperature units.  Others seem to be 50 volt parts with large values.

In any case, I found in there a small N750 cap that I needed to repair an SX-88 I'm working on. It was close enough to do the job.  The tiny original dogbone cap was sintered to obscurity from a leakage.  That fried the 1k B+ decoupling cap into two pieces.  The radio is much happier now with a couple of new parts.  I had no idea 40 years ago that I could use one of those parts to fix a period radio.

Roy

- Roy Morgan -
13033 Downey Mill Road, Lovettsville, VA 20180
Phone 540-822-5911  Cell 301-928-7794
Work: Voice: 301-975-3254 Fax: 301-975-6097
roy.morgan@nist.gov --

---

From: W6cds@aol.com
Message-ID: <c31.17f3dfd8.33e0f6e3@aol.com>
Date: Tue, 31 Jul 2007 16:34:43 EDT
Subject: 4,5,6,7,8,9,11 Pin Sockets & Plugs
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0

Content-Type: multipart/alternative;
boundary="------------------------------1185914083"

--------------------------------1185914083
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In clearing out my 50 yrs

In clearing out my 50 yrs+ of stuff, I've found many sockets & plugs of all pin varieties. I've sold over 100 at the last two TRW swapmeets, but still have a lot left including one 9 pin plug (rare!) and a lot of 11 pin sockets & plugs as well as the hoods for them. I also have tons of other stuff such as variable capacitors,
ceramic tube caps, all sizes, etc. Too much stuff to try to list but if you need something old and scarce, I may just have it tucked away someplace. I found two of the Jones 8 pin plugs but no sockets for our Canadian ham. I have a lot more Jones stuff, 2, 3, 4 6, 10 pins and even some of the bigger stuff. Even have a few of the old military canon connectors around. So email me what you need and I will try to see if it is available. But give me time to check it out. I'm 75 yrs young and my kids tell me to get rid of this junk so they don't have to, one of these days. On 1 Dec 2007, I will have been a ham for 50 yrs. Charles, w6cds

=

********** Get a sneak peek of the all-new AOL at http://discover.aol.com/memed/aolcom30tour

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------------------------------1185914083
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---                  *
*     This post contains a forbidden message format             *
*  (such as an attached file, a v-card, HTML formatting)        *
*    Mail Lists at theporch.com only accept PLAIN TEXT          *
* If your postings display this message your mail program       *
* is not set to send PLAIN TEXT ONLY and needs adjusting        *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

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End of BOATANCHORS Digest 4074
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